

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH

RECORD OF WELL

1. Location: State N. J. County Putnam  
Nearest P. O. \_\_\_\_\_ Direction from P. O. \_\_\_\_\_  
Distance from P. O. \_\_\_\_\_ miles;  $\frac{1}{4}$  sec. \_\_\_\_\_, T. \_\_\_\_\_, R. \_\_\_\_\_  
If in city, give street and number \_\_\_\_\_

131	see P1304 P132
15	1.7E
2.4S	

Locate well on plat of section.

2. Owner: Gypsy Trail Club Address Kent N.Y.  
Driller: P. J. Buel & Sons Address Brewster, N.Y.

3. Situation: Is well on upland, in valley, or on hillside? valley

4. Elevation of top of well: 700 ft. above the level of sea  
(Above or below) (Sea, depot, lake, or stream)

5. Type of well: drilled; kind of drilling rig used st  
(Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)

6. Depth of well: 200 ft.; year in which well was finished 1947

Does well enter rock? yes; if so, at what depth? 8-10 ft.; kind of rock granite

7. Diameter: At top 6 inches; at bottom 6 inches.

8. Principal water bed: rock

Depth to principal water bed 150 ft.; thickness of bed \_\_\_\_\_ ft.  
(Gravel, sand, clay, or rock. If rock, state kind)

If other water supplies were found, give depth to each see over

9. Casings: Kind \_\_\_\_\_; size 6; length 33 ft.; between depths of 0 and 33 ft.

Kind \_\_\_\_\_; size \_\_\_\_\_; length \_\_\_\_\_ ft.; between depths of \_\_\_\_\_ and \_\_\_\_\_ ft.

Kind \_\_\_\_\_; size \_\_\_\_\_; length \_\_\_\_\_ ft.; between depths of \_\_\_\_\_ and \_\_\_\_\_ ft.

Packers (if any): Depth at which packers were used \_\_\_\_\_; kind \_\_\_\_\_

Screen or Strainer: Was well finished with screen? \_\_\_\_\_; kind of screen \_\_\_\_\_

length of screen \_\_\_\_\_ ft.; diameter \_\_\_\_\_ inches; size of openings \_\_\_\_\_

10. Head: Does well at present overflow without pumping? \_\_\_\_\_; did it overflow when new? \_\_\_\_\_

if flowing, give pressure \_\_\_\_\_ lb. per sq. inch; or height water will rise in a pipe \_\_\_\_\_ ft. above surface;

original pressure or head \_\_\_\_\_; if not flowing, give water level in well 5 ft. below surface.

11. Pump: Is the well pumped? no; kind of pump \_\_\_\_\_

size or capacity of pump \_\_\_\_\_; kind of power \_\_\_\_\_

12. Yield: Natural flow at present (if any) \_\_\_\_\_ gallons per minute; original flow \_\_\_\_\_ gallons per minute;

well has been pumped at 3 3/4 gallons per minute continuously for 5 hours;

quantity of water ordinarily obtained from well none gallons per day.

13. Use: For what purpose is the water used? abandoned; not using water

14. Quality of the water: \_\_\_\_\_; is there an analysis? \_\_\_\_\_

15. Cost of well, not including pump: \_\_\_\_\_ Temperature of water \_\_\_\_\_ ° F.

Name of person filling blank L. P. Buel from Buel's records

Date June, 1949 Address 423 S. Main from Buel's records

On the back of this sheet give the record of the beds through which the well passes and any other facts not given above.

in with see Van Vlack 8-10-50



# Van Vlack's LOG OF WELL

about 1 1/2 gpm at 150'  
another 1 gpm in last 50'  
w.c. changed when last flow  
last 50 ft.

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS (Especially information as to water found)
	From—	To—		
Swampy, much Pool (granite)	0	8-10	8-10	with boulders
	8-10	200		1-1 1/2 gpm at 150'
water level changed when last flow started: another 1 gpm obtained in last 50'				
Analysis: NYSDPH at Poughkeepsie date: 10/28/47				
Color	0	Hardness		100
Turbidity	tr	alk		72
Free NH <sub>3</sub>	0.002	PH		6.5
NO <sub>3</sub>	2.0 (8.9)	Free CO <sub>2</sub>		24.0
O.C. (oxygen consumed)	1.0			
Iron	0.05			
Cl	6.4			

S.W.L. dropped to about 18' in dry season of 1953

✓ Van Vlack

Bailed for one hour, at 7-8 gpm  
with 195 ft. of diameter C to drain  
off head.

Then, bailed at 3 3/4 GPM for 5 hrs.  
at 197' with no diameter at  
pumping level.

Test pumped for 5 hours on 9/12/53 and  
yield was only 1.8 gpm at end of test. Pumping  
level (air gage reading at this time) was 95 ft. This was  
max. that could be pumped at this depth with jet pump used.

S.W.L. was 20.36 ft. before pumping.  
Recovery data collected. Set from Otto Friend.